

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|---------------------|
| L3 | 0 | butenylene with acid with (polyanion or anion) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 15:56 |
| L4 | 0 | butenylene near3 acid with (polyanion or anion) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 15:57 |
| L5 | 0 | \$4butenylene near3 acid with (polyanion or anion) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 15:57 |
| L6 | 2 | \$4butenylene with (polyanion or anion) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 15:57 |
| L7 | 7 | \$4butenylene with (polyanion or anion\$2 or cation\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 15:58 |
| L8 | 0 | \$4butenylene near3 (sulfonat\$2 or sulphonat\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 15:59 |
| L9 | 0 | "poly(butenylene)" near3 (sulfonat\$2 or sulphonat\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 16:02 |
| L10 | 0 | "poly(butenylene)" with (sulfonat\$2 or sulphonat\$2 or (sulfonic adj acid)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 16:02 |
| L11 | 0 | "poly(butenylene)" with (sulfonat\$2 or sulphonat\$2 or (sulfonic adj acid)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 16:02 |
| L12 | 590 | alkenylene with (sulfonat\$2 or sulphonat\$2 or (sulfonic adj acid)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 16:03 |
| L13 | 77 | alkenylene with (sulfonat\$2 or sulphonat\$2 or (sulfonic adj acid)) with (anion\$2 or cation\$2 or polyanion or polycation) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 16:04 |
| L14 | 77 | (polyalkenylene or alkenylene) with (sulfonat\$2 or sulphonat\$2 or (sulfonic adj acid)) with (anion\$2 or cation\$2 or polyanion or polycation) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 16:05 |
| L15 | 8 | 14 and (capacitor or batter\$3 or electrode or conductor) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 16:06 |
| L16 | 167 | 12 and (polythiophene or polyaniline or polypyrrole or (conduc\$4 adj2 polymer\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 16:10 |
| L17 | 1 | 16 (conduc\$3 near2 composition) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 16:10 |

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| L18 | 31 | butenylene with (sulfonat\$2 or sulphonat\$2 or (sulfonic adj acid)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 16:12 |
| L19 | 0 | 18 (conduc\$3 near2 composition) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 16:12 |
| L20 | 1 | 18 and (polythiophene or polyaniline or polypyrrole or (conduc\$4 adj2 polymer\$2)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 16:12 |
| L21 | 7 | butenylene with (polyanion or anion\$2 or cation\$2) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/26 16:15 |
| S1 | 3 | ((polyisoprenesulfonic adj acid) or (isoprenesulfonic adj acid)) with (anion or polyanion) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 10:21 |
| S2 | 7 | ((polyisoprenesulfonic adj acid) or (isoprenesulfonic adj acid)) same (polyaniline or polythiophene or polypyrrole or PANi or aniline or thiophene or pyrrole or (polymer\$2 near (conduct\$3 or conjugat\$2))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 10:25 |
| S3 | 11 | ((polyisoprenesulfonic adj acid) or (isoprenesulfonic adj acid)) and (polyaniline or polythiophene or polypyrrole or PANi or aniline or thiophene or pyrrole or (polymer\$2 near (conduct\$3 or conjugat\$2))) and ((resin or polymer\$2) with (polyacrylonitrile or (polyparabanic adj acid) or (polyvinylidene adj \$2fluoride) or PVDF or PAN)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 11:13 |
| S4 | 0 | (butenylensulfonic adj acid) or polybutenylensulfonic or polybutenylensulfonate | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 11:34 |
| S5 | 0 | (butenylensulfonic adj acid) or polybutenylen adj sulfonic or polybutenylen adj sulfonate | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 11:34 |
| S6 | 0 | (butenylenesulfonic adj acid) or polybutenylene adj sulfonic or polybutenylene adj sulfonate | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 11:34 |
| S7 | 0 | (butenylenesulfonic adj acid) or polybutenylene near sulfon\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 11:35 |

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| S8 | 5 | ((((polyisoprenesulfonic adj acid) or (isoprenesulfonic adj acid) with (ion or anion or polyanion)) and (polyaniline or polythiophene or polypyrrole or PANi or aniline or thiophene or pyrrole or ((compound or resin or polymer \$2) near (conduct\$3 or conjugat \$2))) and (polyacrylonitrile or (polyparabanic adj acid) or (polyvinylidene adj \$2fluoride) or PVDF or PAN) and (fullerene or ((carbon or carbonaceous) near2 (cluster or nanotube or aggregate))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 12:25 |
| S9 | 6 | ((("5068060") or ("5002699") or ("0034514"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/03/24 12:35 |
| S10 | 0 | ("34514").pn.).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/03/24 12:38 |
| S11 | 4 | ("34514").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 12:39 |
| S12 | 1993 | (polyanion) and (polyaniline or polythiophene or polypyrrole or PANi or aniline or thiophene or pyrrole or ((compound or resin or polymer\$2) near (conduct\$3 or conjugat\$2))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:02 |
| S13 | 1658 | (polyanion) and (polyaniline or polythiophene or polypyrrole or PANi or aniline or thiophene or pyrrole or ((resin or polymer\$2) near (conjugat\$2))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:02 |
| S14 | 3 | S13 ((polyisoprenesulfonic adj acid) or (isoprenesulfonic adj acid)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:03 |
| S15 | 749 | S13 ((polyisoprenesulfonic adj acid) or (isoprenesulfonic adj acid) or (sulfonic adj acid)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:05 |
| S16 | 3 | S13 (((polyisoprenesulfonic adj acid) or (isoprenesulfonic adj acid)) and (sulfonic adj acid)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:05 |
| S17 | 602 | (polyanion) same (polyaniline or polythiophene or polypyrrole or PANi or aniline or thiophene or pyrrole or ((resin or polymer\$2) near (conjugat\$2))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:06 |
| S18 | 326 | S17 @ad <="20030618" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:07 |

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| S19 | 198 | S18 and (sulfonic adj acid) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:08 |
| S20 | 65 | S18 and ((sulfonic adj acid) with anion) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:08 |
| S21 | 1 | polyanion with butenylene | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:28 |
| S22 | 346 | (polyanion or anion) with (butenylene or alkenylene) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:28 |
| S23 | 1 | (polyanion) with (butenylene or alkenylene) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:29 |
| S24 | 128 | (polyanion) with (polyalkylene or polyalkenylene or polyimide or polamide or polyester) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:30 |
| S25 | 87 | S24 and (polyaniline or polythiophene or polypyrrole or PANI or aniline or thiophene or pyrrole or ((resin or polymer\$2) near (conjugat\$2))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:30 |
| S26 | 38 | S25 @ad <= "20030618" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:30 |
| S27 | 2741 | (polyanion or sulfonate?) near3 (polyalkylene or polyalkenylene or polyimide or polamide or polyester) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:34 |
| S28 | 2012 | (polyanion or sulfonate?) near (polyalkylene or polyalkenylene or polyimide or polamide or polyester) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:34 |
| S29 | 441 | S28 and (polyaniline or polythiophene or polypyrrole or PANI or aniline or thiophene or pyrrole or ((resin or polymer\$2) near (conjugat\$2))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:35 |
| S30 | 260 | S29 @ad <= "20030618" | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:35 |
| S31 | 0 | S30 polybutenylene | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:35 |
| S32 | 26 | polybutenylene | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:35 |
| S33 | 2 | ("5443944").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/03/24 13:44 |

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| S34 | 4834 | conductive adj composition | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:46 |
| S35 | 552015 | ((("252") or ("427") or ("428")). CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/03/24 13:47 |
| S36 | 1293 | S34 S35 | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:48 |
| S37 | 272 | S36 and (polyaniline or polythiophene or polypyrrole or PANi or aniline or thiophene or pyrrole or ((resin or polymer\$2) near (conjugat\$2))) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:48 |
| S38 | 43 | S37 (PSS or (polystyrene adj sulfon\$3 adj acid)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:49 |
| S39 | 0 | S38 ((polyisoprenesulfonic adj acid) or (isoprenesulfonic adj acid)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:49 |
| S40 | 0 | S38 ((polyisoprenesulfonic adj acid) or (isoprenesulfonic)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:49 |
| S41 | 2 | S38 ((polyisoprenesulfonic adj acid) or (isoprene sulfonic)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:49 |
| S42 | 2 | S38 ((polyisoprenesulfonic adj acid) or (isoprene near sulfonic)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:49 |
| S43 | 3 | S37 ((polyisoprenesulfonic adj acid) or (isoprene near sulfonic)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:52 |
| S44 | 3 | S36 ((polyisoprenesulfonic adj acid) or (isoprene near sulfonic)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:52 |
| S45 | 3 | S36 ((polyisoprenesulfonic adj acid) or ((polyisoprene or isoprene) near sulfonic)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:53 |
| S46 | 26 | S38 (polyanion or anion) | US-PGPUB; USPAT; EPO; JPO; DERWENT | AND | ON | 2009/03/24 13:53 |
| S47 | 2 | ("5061401").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/03/26 13:22 |
| S48 | 2 | ("20070092800").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/03/26 14:24 |

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